

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092921\
 Data File : VY006224.D
 Acq On : 29 Sep 2021 19:34
 Operator : SY/MD
 Sample : M3970-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 30 07:34:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

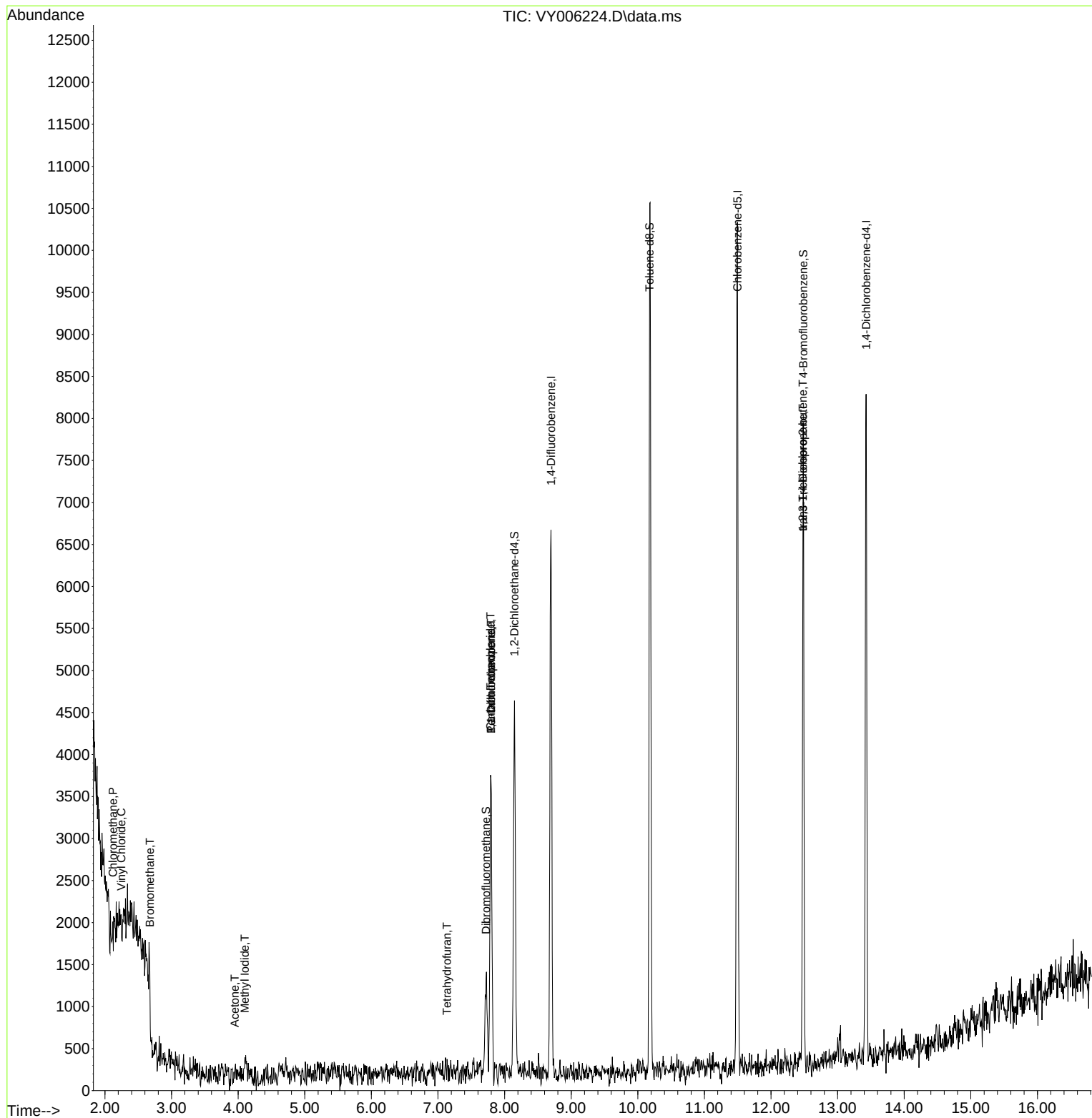
Internal Standards						
1) Pentafluorobenzene	7.795	168	3313	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	6072	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	6076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	3421	96.478	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 192.960%#			
35) Dibromofluoromethane	7.722	113	903	27.836	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 55.680%			
50) Toluene-d8	10.179	98	7297	53.746	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.500%			
62) 4-Bromofluorobenzene	12.483	95	2160	46.832	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.660%			
Target Compounds			Qvalue			
3) Chloromethane	2.119	50	50	1.277	ug/l #	44
4) Vinyl Chloride	2.247	62	65	1.498	ug/l #	43
5) Bromomethane	2.674	94	41	1.454	ug/l #	70
10) Methyl Iodide	4.100	142	170	5.114	ug/l #	80
16) Acetone	3.948	43	67	6.765	ug/l #	47
20) Methylene Chloride	4.716	84	56	Below Cal	#	1
29) Tetrahydrofuran	7.137	42	19	2.180	ug/l #	38
36) 1,1-Dichloropropene	7.795	75	149	2.466	ug/l #	42
38) Carbon Tetrachloride	7.789	117	226	3.543	ug/l #	11
76) 1,2,3-Trichloropropane	12.477	75	1207	52.178	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	1207	102.537	ug/l #	7

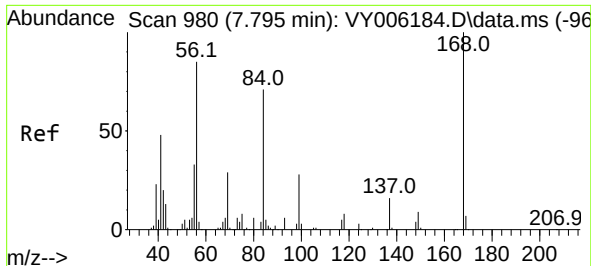
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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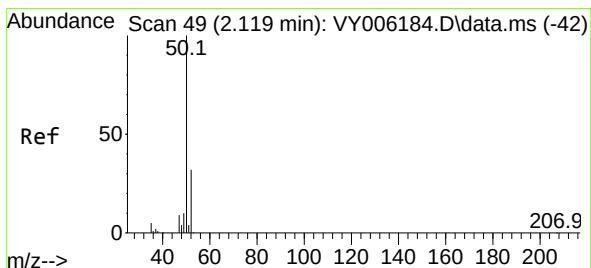
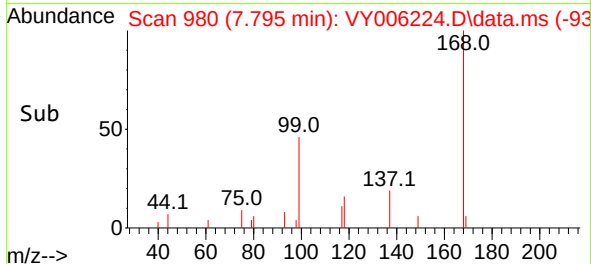
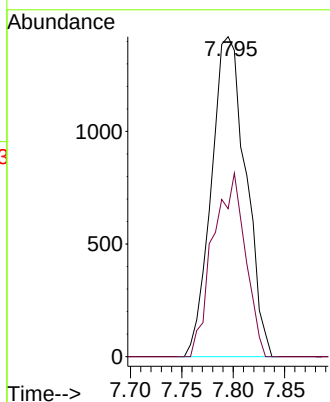
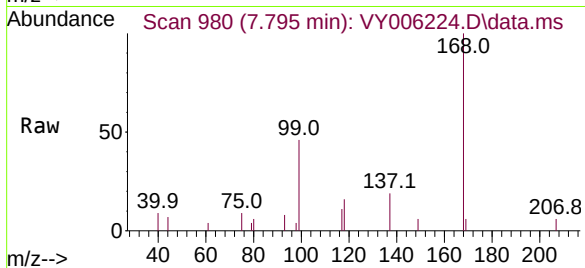




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006224.D
Acq: 29 Sep 2021 19:34

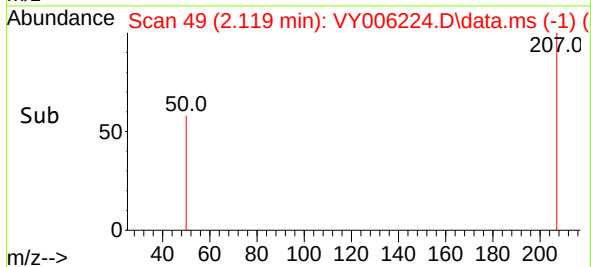
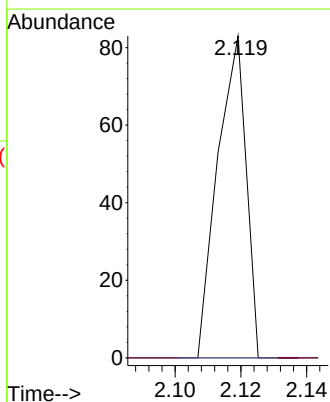
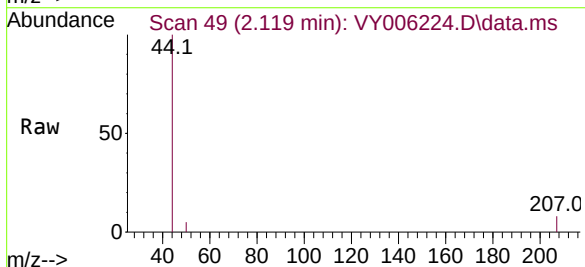
Instrument :
MSVOA_Y
ClientSampleId :

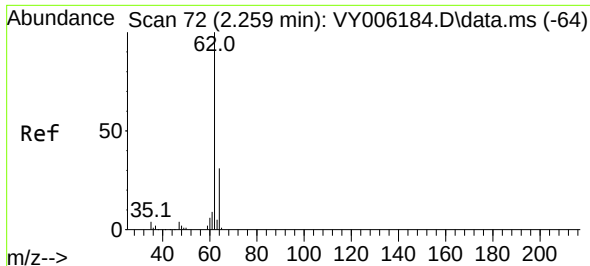
Tgt Ion:168 Resp: 3313
Ion Ratio Lower Upper
168 100
99 46.2 46.9 70.3#



#3
Chloromethane
Concen: 1.277 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY006224.D
Acq: 29 Sep 2021 19:34

Tgt Ion: 50 Resp: 50
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

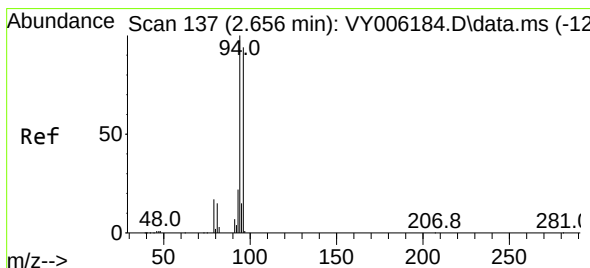
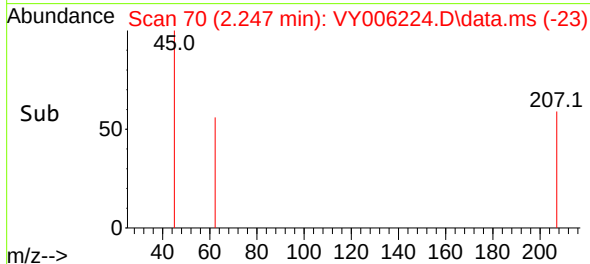
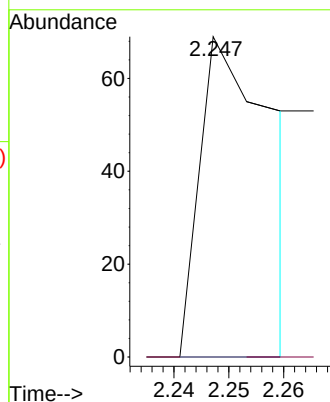
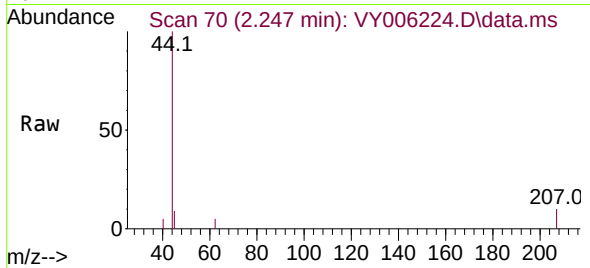




#4
 Vinyl Chloride
 Concen: 1.498 ug/l
 RT: 2.247 min Scan# 70
 Delta R.T. -0.012 min
 Lab File: VY006224.D
 Acq: 29 Sep 2021 19:34

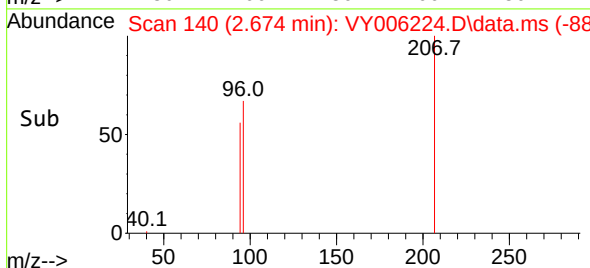
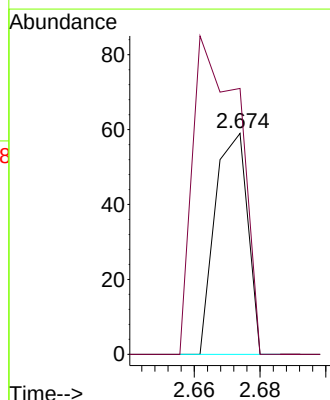
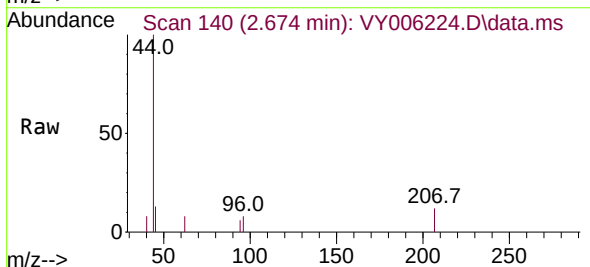
Instrument :
 MSVOA_Y
 ClientSampleId :

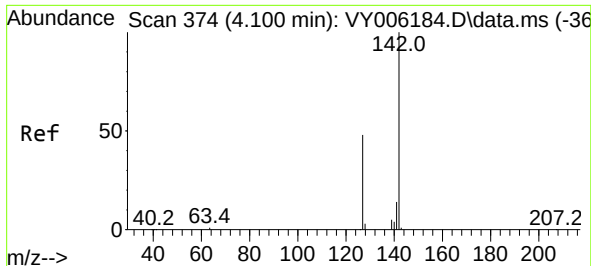
Tgt Ion: 62 Resp: 65
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#5
 Bromomethane
 Concen: 1.454 ug/l
 RT: 2.674 min Scan# 140
 Delta R.T. 0.018 min
 Lab File: VY006224.D
 Acq: 29 Sep 2021 19:34

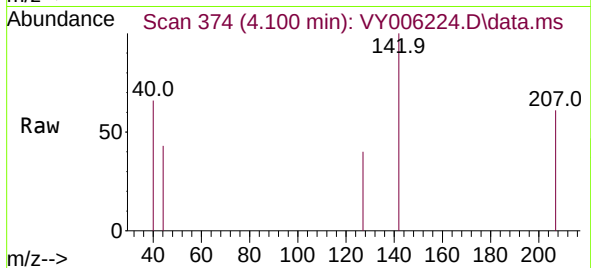
Tgt Ion: 94 Resp: 41
 Ion Ratio Lower Upper
 94 100
 96 120.3 73.5 110.3#



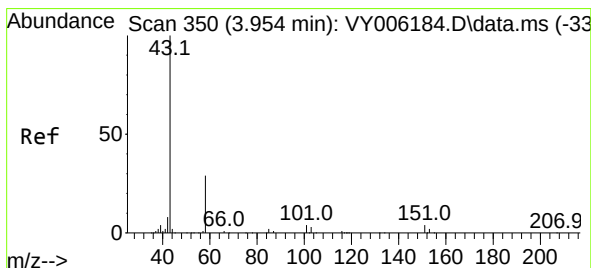
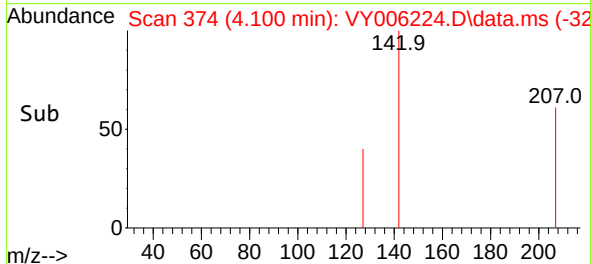
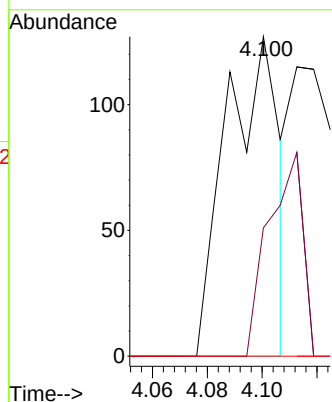


#10
Methyl Iodide
Concen: 5.114 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY006224.D
Acq: 29 Sep 2021 19:34

Instrument :
MSVOA_Y
ClientSampled :

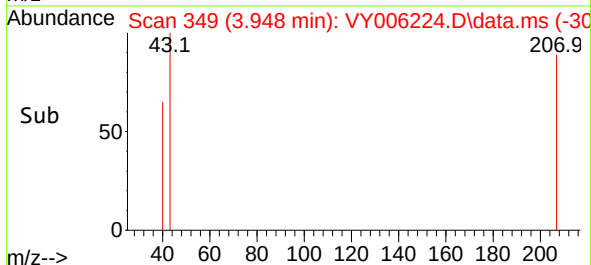
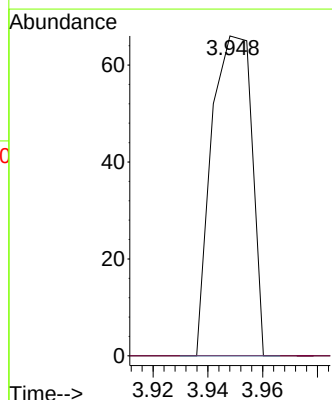
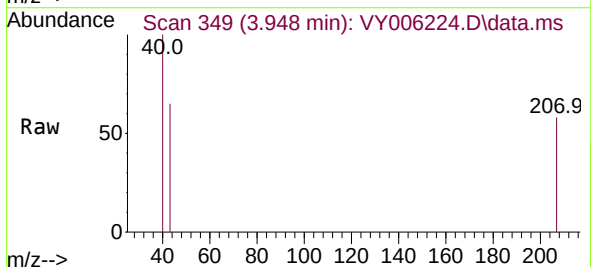


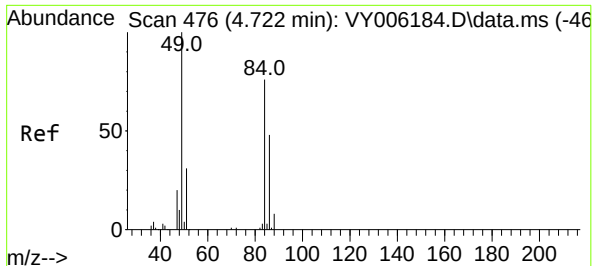
Tgt Ion:142 Resp: 170
Ion Ratio Lower Upper
142 100
127 41.2 41.5 62.3#
141 0.0 11.9 17.9#



#16
Acetone
Concen: 6.765 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006224.D
Acq: 29 Sep 2021 19:34

Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#





#20

Methylene Chloride

Concen: Below Cal

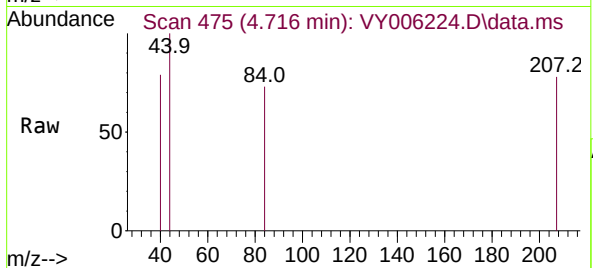
RT: 4.716 min Scan# 475

Delta R.T. -0.006 min

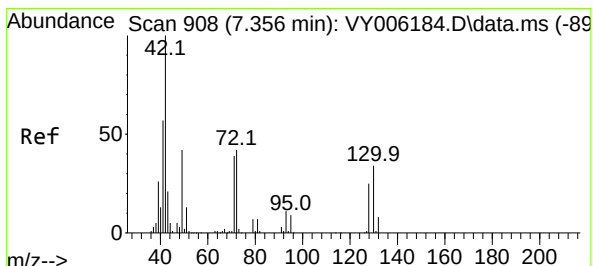
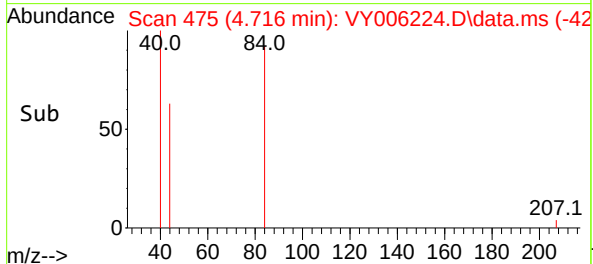
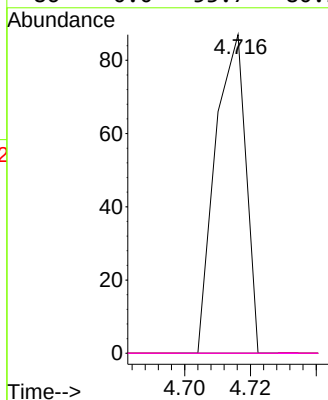
Lab File: VY006224.D

Acq: 29 Sep 2021 19:34

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion:	84	Resp:	56
Ion	Ratio	Lower	Upper
84	100		
49	0.0	114.4	171.6#
51	0.0	35.3	52.9#
86	0.0	53.7	80.5#



#29

Tetrahydrofuran

Concen: 2.180 ug/l

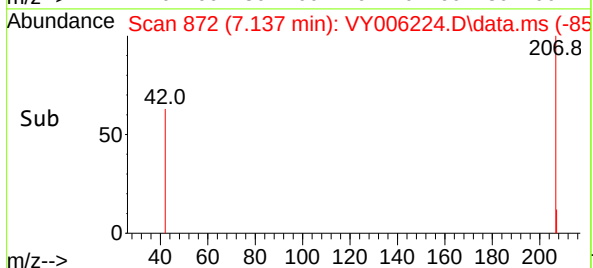
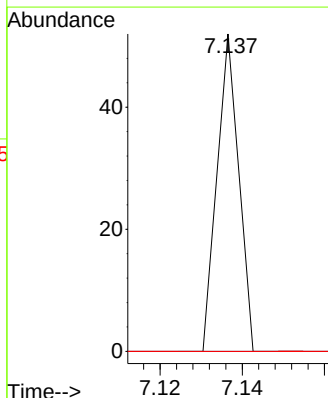
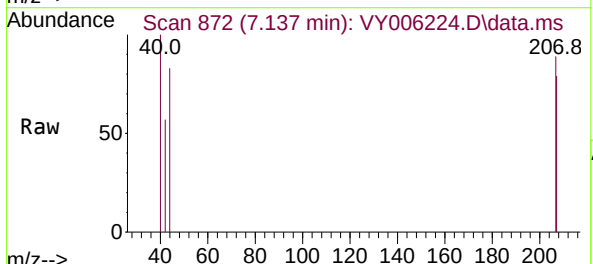
RT: 7.137 min Scan# 872

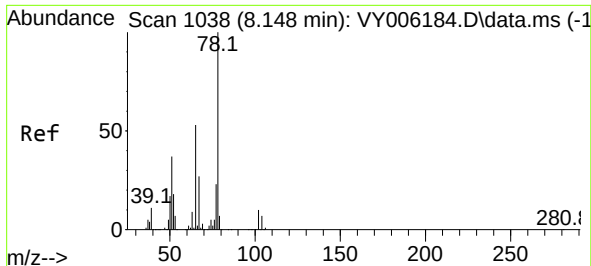
Delta R.T. -0.219 min

Lab File: VY006224.D

Acq: 29 Sep 2021 19:34

Tgt Ion:	42	Resp:	19
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.3	45.5#
71	0.0	29.0	43.4#

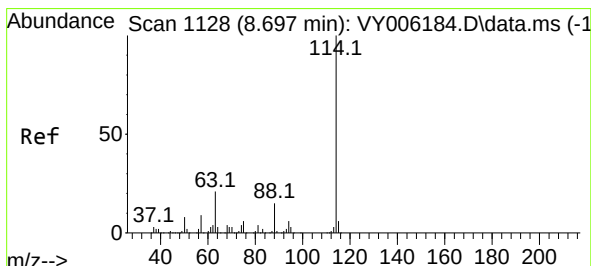
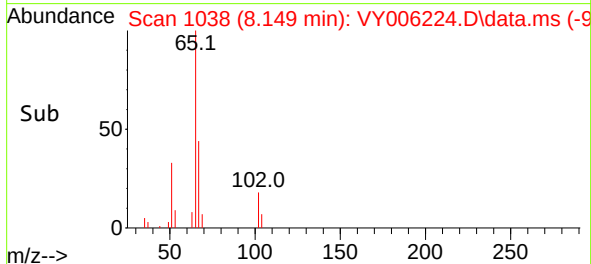
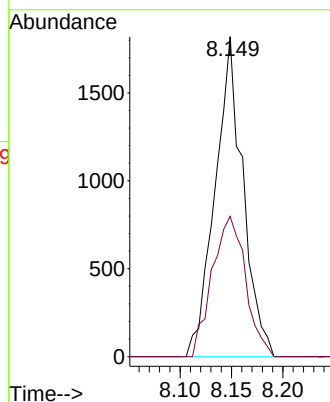
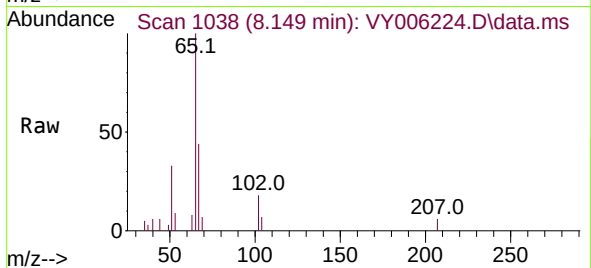




#33
1,2-Dichloroethane-d4
Concen: 96.478 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006224.D
Acq: 29 Sep 2021 19:34

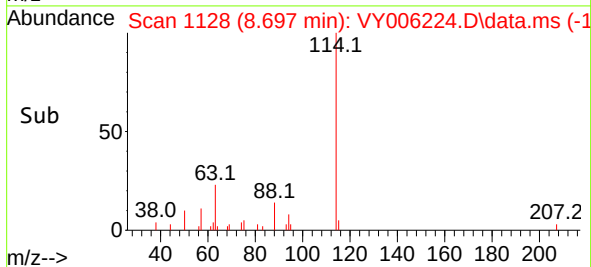
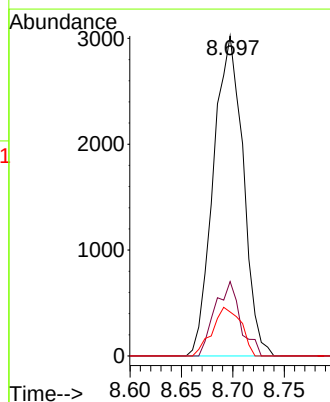
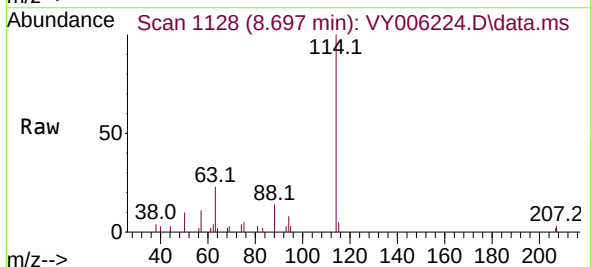
Instrument :
MSVOA_Y
ClientSampleId :

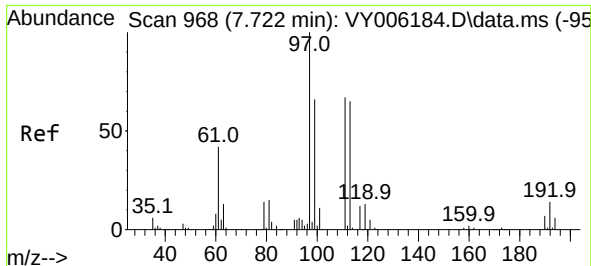
Tgt Ion: 65 Resp: 3421
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006224.D
Acq: 29 Sep 2021 19:34

Tgt Ion: 114 Resp: 6072
Ion Ratio Lower Upper
114 100
63 23.3 0.0 43.2
88 13.8 0.0 31.8

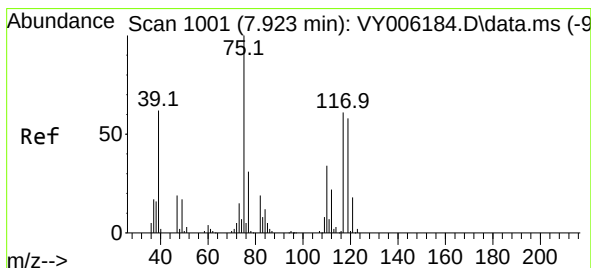
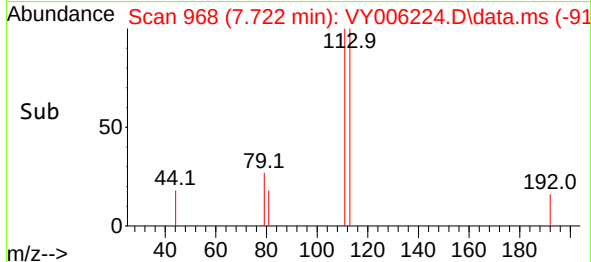
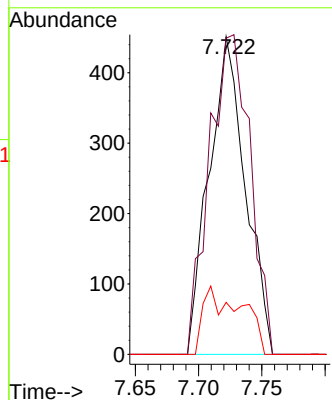
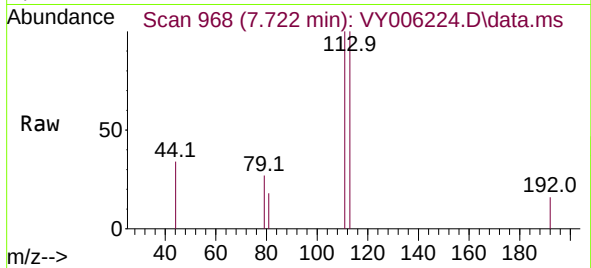




#35
Dibromofluoromethane
Concen: 27.836 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006224.D
Acq: 29 Sep 2021 19:34

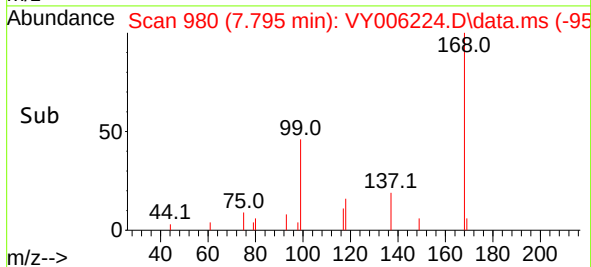
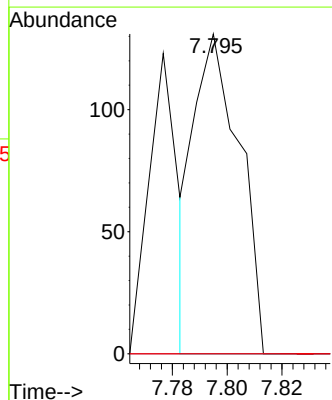
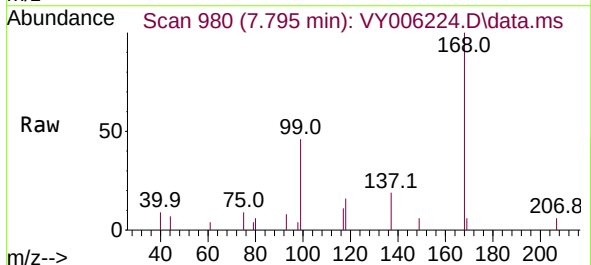
Instrument :
MSVOA_Y
ClientSampleId :

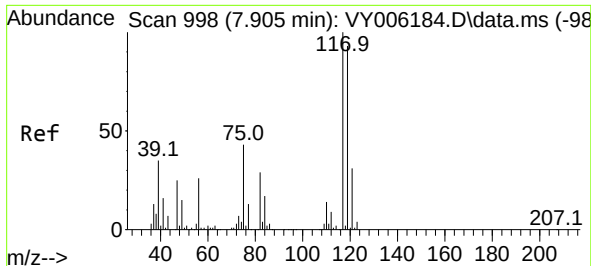
Tgt Ion:113 Resp: 903
Ion Ratio Lower Upper
113 100
111 112.8 82.6 124.0
192 14.6 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 2.466 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006224.D
Acq: 29 Sep 2021 19:34

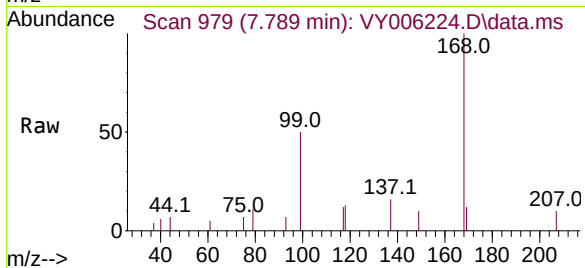
Tgt Ion: 75 Resp: 149
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#



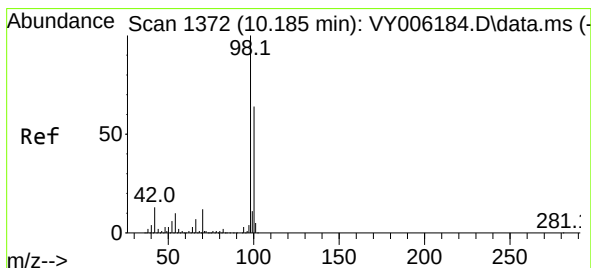
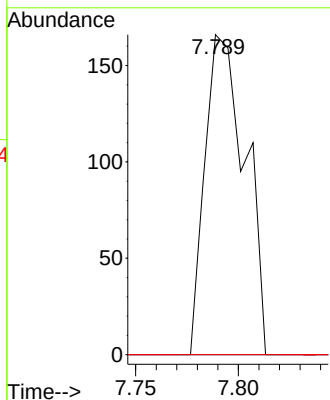
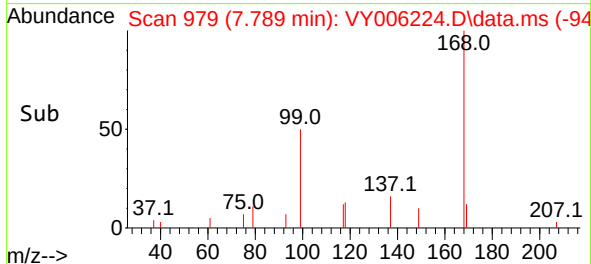


#38
Carbon Tetrachloride
Concen: 3.543 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY006224.D
Acq: 29 Sep 2021 19:34

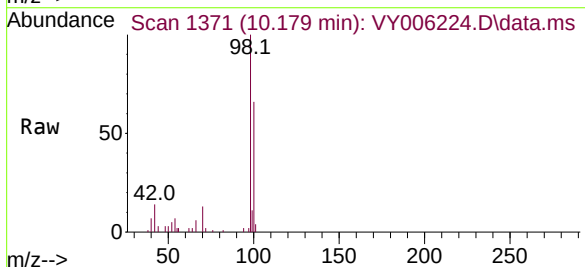
Instrument :
MSVOA_Y
ClientSampleId :



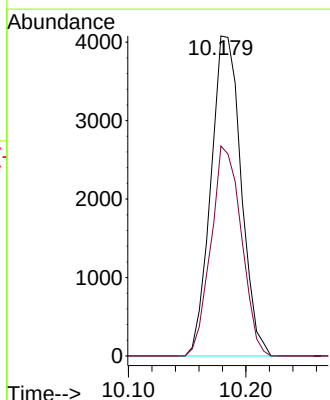
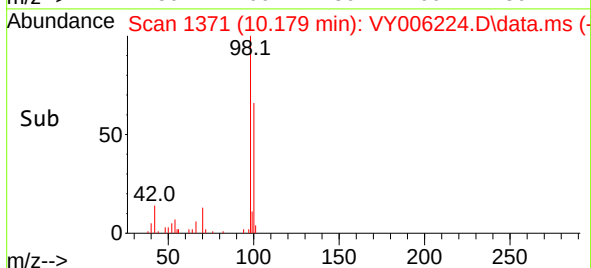
Tgt Ion: 117 Resp: 226
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#

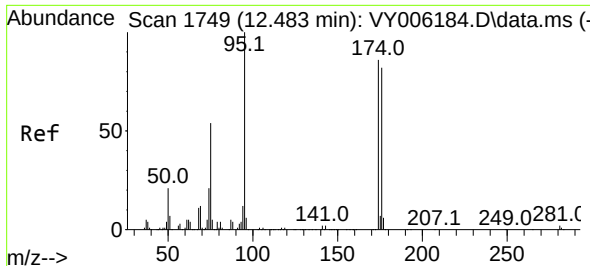


#50
Toluene-d8
Concen: 53.746 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006224.D
Acq: 29 Sep 2021 19:34



Tgt Ion: 98 Resp: 7297
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2

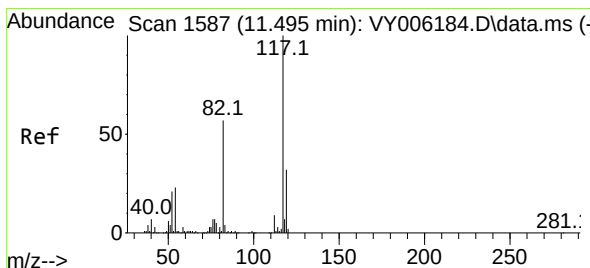
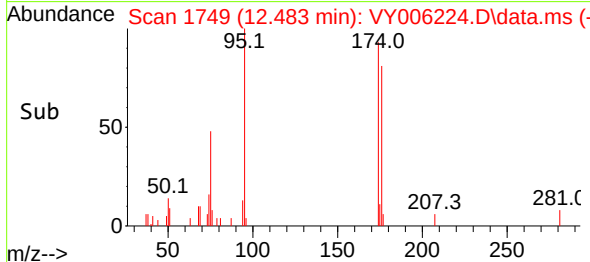
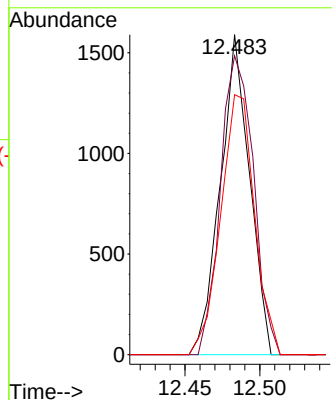
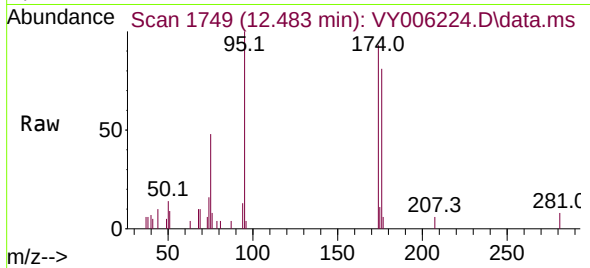




#62
4-Bromofluorobenzene
Concen: 46.832 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006224.D
Acq: 29 Sep 2021 19:34

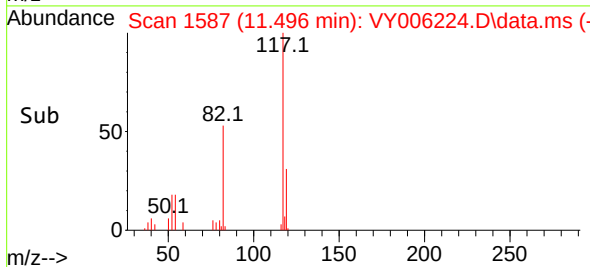
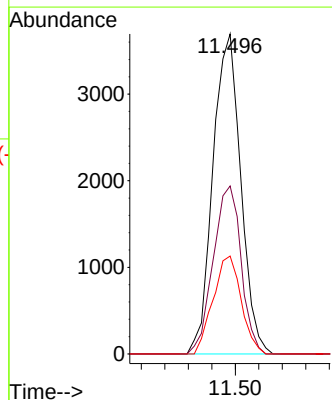
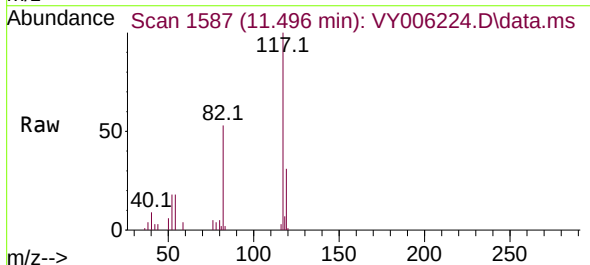
Instrument :
MSVOA_Y
ClientSampleId :

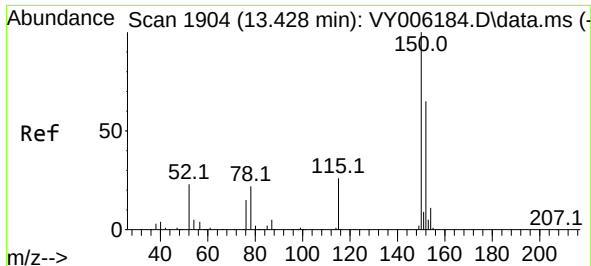
Tgt Ion:	95	Resp:	2160
Ion	Ratio	Lower	Upper
95	100		
174	105.6	0.0	177.0
176	93.9	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006224.D
Acq: 29 Sep 2021 19:34

Tgt Ion:	117	Resp:	6076
Ion	Ratio	Lower	Upper
117	100		
82	52.5	43.0	64.4
119	30.6	25.4	38.0

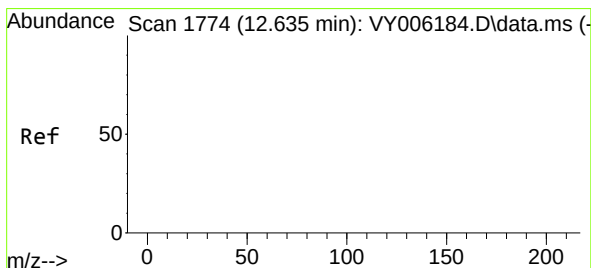
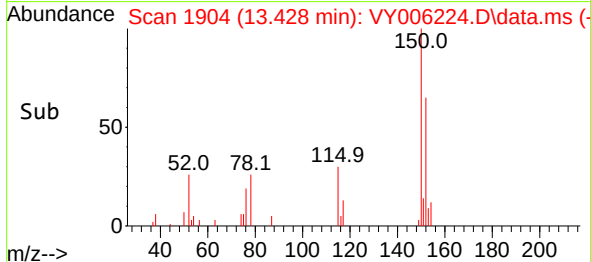
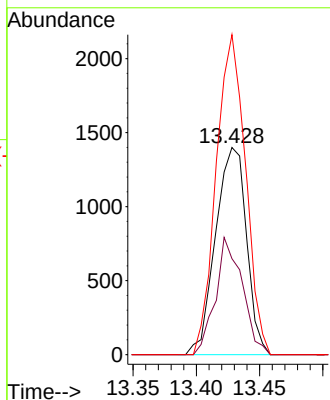
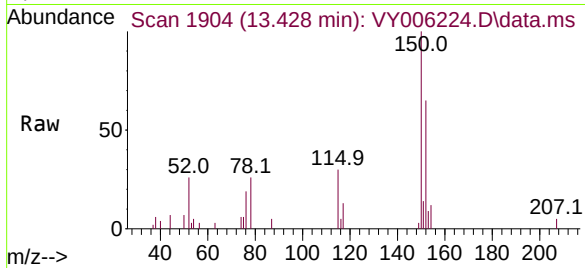




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006224.D
Acq: 29 Sep 2021 19:34

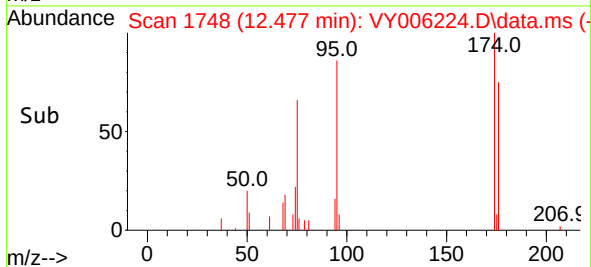
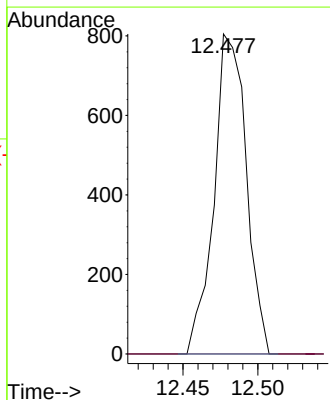
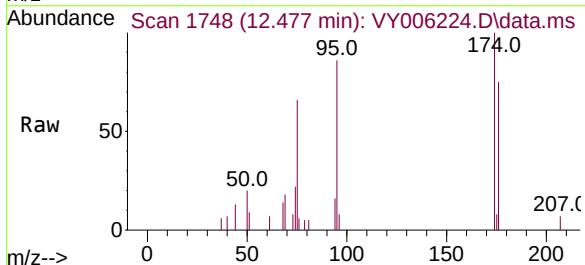
Instrument :
MSVOA_Y
ClientSampled :

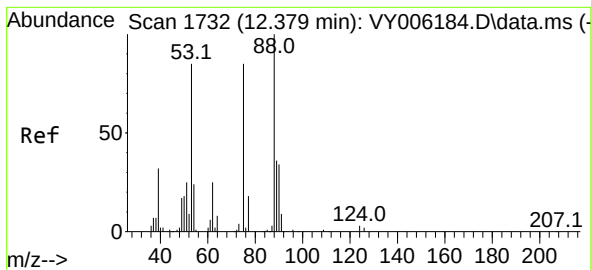
Tgt Ion:152 Resp: 2380
Ion Ratio Lower Upper
152 100
115 49.0 28.2 84.7
150 146.6 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 52.178 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY006224.D
Acq: 29 Sep 2021 19:34

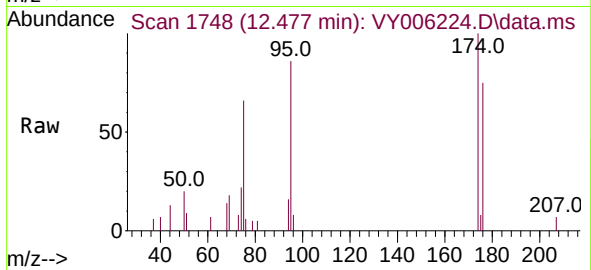
Tgt Ion: 75 Resp: 1207
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.537 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.098 min
 Lab File: VY006224.D
 Acq: 29 Sep 2021 19:34

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#

